

## Samsung SMART Signage Touch Overlay

"Bring touch interactivity to the visual experience"

		TE75LCC	TE65ECC	TE75ECC	TP40LCA	TP46LCA	TP55LCC
Inch		75"	65"	75"	40"	46"	55"
Dimension (mm/in.)	Set	1,738.2 x 1,016.5 x 45 (68.3 x 40 x 1.7)	1,518.1 x 893.3 x 29.6 (59.7 x 35.1 x 1.1)	1,739.2 x 1,017.2 x 29.6 (68.4 x 40 x 1.1)	939 x 551 x 32.1 (36.9 x 21.6 x 1.2)	1,076.1 x 628.4 x 32.1 (42.3 x 24.7 x 1.2)	1,267 x 735.7 x 32.1 (49.8 x 28.9 x 1.2)
	Package	1,890 x 1,136 x 265 (74.4 x 44.7 x 10.4)	1,654 x 1,012 x 265 (65.1 x 39.8 x 10.4)	1,890 x 1,136 x 265 (74.4 x 44.7 x 10.4)	1,029 x 640 x 102 (40.5 x 25.1 x 4)	1,187 x 738 x 102 (46.7 x 29 x 4)	1,377 x 844 x 102 (54.2 x 33.2 x 4)
Weight (kg/lb)	Set	26.6 (58.6)	16.2 (35.7)	19.5 (42.9)	5.8 (12.7)	7.3 (16)	9.5 (20.9)
	Package	36.5 (80.4)	24.6 (54.2)	29.6 (65.2)	7.1 (15.6)	9.2 (20.2)	12.2 (26.8)
Glass Thickness		3.2	3.2	3.2	2.8	2.8	2.8
Glass Film		AG(Front), PET(Rear)					
Glass Reflection Rate		≤10%					
Glass Haze		≤15%					
Frame Material		Aluminum Extrusion					
Bezel width (mm/in.)		43.2 (1.7)	43.2 (1.7)	43.2 (1.7)	23.6 (0.9)	26.5 (1)	26.5 (1)
Touch Technology		IR					
Number of Simultaneous Touch		6 Drawing	1 Drawing 4 touch	1 Drawing 4 touch	10 Drawing	10 Drawing	6 Drawing
Response Time		11ms	TBD	TBD	11ms	14ms	11ms

		TD32LDAH	TD40LDAH	TD48LDAH	TD55LDAH	TD75LDAF	TD85LDAF
Inch		32"	40"	48"	55"	75"	85"
Dimension (mm/in.)	Set	755.9 x 449 x 30.9 (29.7 x 17.6 x 1.2)	945.1 x 558.5 x 30.9 (37.2 x 21.9 x 1.2)	1,120.6 x 659.4 x 26.8 (44.1 x 25.9 x 1)	1,276.1 x 764.9 x 26.8 (50.2 x 30.1 x 1)	1,739.2 x 1,017.2 x 29.6 (68.4 x 40 x 1.1)	1,949 x 1,130 x 45.7 (76.8 x 44.4 x 1.7)
	Package	842 x 535 x 102 (33.1 x 21 x 4)	1,029 x 640 x 102 (40.5 x 25.1 x 4)	1,217 x 797 x 116 (47.9 x 31.3 x 4.5)	1,367 x 879 x 128 (53.8 x 34.6 x 5)	1,890 x 1,136 x 265 (74.4 x 44.7 x 10.4)	2,114 x 1,301 x 276 (83.2 x 51.2 x 10.8)
Weight (kg/lb)	Set	4.4 (9.7)	6.1 (13.4)	7.9 (17.4)	9.8 (21.6)	19.5 (42.9)	27.5 (60.6)
	Package	5.1 (11.2)	7.2 (15.8)	10.4 (22.9)	12.6 (27.7)	29.6 (65.2)	40.5 (89.2)
Glass Thickness		2.8	2.8	2.8	2.8	3.2	3.2
Glass Film		AG(Front), PET(Rear)					
Glass Reflection Rate		≤10%					
Glass Haze		≤15%					
Frame Material		Aluminum Extrusion					
Bezel width (mm/in.)		28 (1.1)	30 (1.1)	32.7 (1.2)	32.7 (1.2)	37.9 (1.4)	39.9 (1.5)
Touch Technology		IR					
Number of Simultaneous Touch		2 Drawing 10 touch	2 Drawing 10 touch	2 Drawing 10 touch	2 Drawing 10 touch	2 Drawing 10 touch	1 Drawing 10 touch
Response Time		12ms	12ms	12ms	13ms	12ms	11ms



## Samsung SMART Signage Touch Overlay

### "Bring touch interactivity to the visual experience"

#### Overview

Touch Overlay adds interactive touch capability to compatible Samsung SMART Signage, with multi-touch support. With Touch Overlay, a layer is placed over the panel surface for a better touch experience that allows the user's finger to slide along the surface more easily (unlike glossy display panels). The added layer also provides some protection against the external environment.

For Samsung D-Series displays, most of the touch functionality can be achieved even without an SBB or PIM, however, an SBB or PIM can be added to bring out the capabilities of Samsung MagicIB®.



Figure 13. TM75LBC

#### Specifications

		TM75LBC	TM32LCA	TM40LCA	TM46LCA	TM55LCC	TE65LCC
Inch		75"	32"	40"	46"	55"	65"
Dimension (mm/in.)	Set	1,737.2 x 1,015.5 x 25.5 (68.3 x 39.9 x 1)	752.4 x 446.3 x 32.1 (29.6 x 17.5 x 1.2)	939 x 551 x 32.1 (36.9 x 21.6 x 1.2)	1,076.1 x 628.5 x 32.1 (42.3 x 24.7 x 1.2)	1,267 x 735.7 x 32.1 (49.8 x 28.9 x 1.2)	1,518.2 x 893.2 x 45 (59.7 x 35.1 x 1.7)
	Package	1,892 x 1,136 x 267 (74.4 x 44.7 x 10.5)	842 x 535 x 102 (33.1 x 21 x 4)	1,029 x 640 x 102 (40.5 x 25.1 x 4)	1,187 x 735 x 102 (46.7 x 29 x 4)	1,377 x 844 x 102 (54.2 x 33.2 x 4)	1,654 x 1,012 x 265 (65.1 x 39.8 x 10.4)
Weight (kg/lb)	Set	21.1 (46.5)	4.2 (9.2)	5.8 (12.7)	7.3 (16)	9.5 (20.9)	22.2 (48.9)
	Package	32.2 (70.9)	5.4 (11.9)	7.1 (15.6)	9.2 (20.2)	12.2 (26.8)	29.4 (64.8)
Glass Thickness		3.2	2.8	2.8	2.8	2.8	3.2
Glass Film		AG(Front), PET(Rear)					
Glass Reflection Rate		≤10%					
Glass Haze		≤15%					
Frame Material		Aluminum Extrusion					
Bezel width (mm/in.)		42.7 (1.6)	26.5 (1)	23.6 (0.9)	26.5 (1)	26.5 (1)	43.2 (1.7)
Touch Technology		IR					
Number of Simultaneous Touch		6 Point	10 Drawing	10 Drawing	10 Drawing	6 Drawing	6 Drawing
Response Time			11ms	11ms	13ms	11ms	11ms



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	PE			ME					ED	
	40C	46C	55C	32C	40C	46C	55C	75C	65	75
TM75LBC								○		
TM32LCA				○						
TM40LCA					○					
TM46LCA						○				
TM55LCC							○			
TM65LCC									○	
TE75LCC										○
TE65ECC									○	
TE75ECC										○
TP40LCA	○									
TP46LCA		○								
TP55LCA			○							
TD32LDAH										
TD40LDAH										
TD48LDAH										
TD55LDAH										
TD75LDAF										
TD85LDAF										

	DB				DM				QM	
	32D	40D	48D	55D	32D	40D	48D	55D	75D	85D
TM75LBC										
TM32LCA										
TM40LCA										
TM46LCA										
TM55LCC										
TM65LCC										
TE75LCC										
TE65ECC										
TE75ECC										
TP40LCA										
TP46LCA										
TP55LCA										
TD32LDAH	○				○					
TD40LDAH		○				○				
TD48LDAH			○				○			
TD55LDAH				○				○		
TD75LDAF									○	
TD85LDAF										○